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9 - 40mm FL, CS-Mount, Manual Iris, Wide Angle Lens



Image represents #22-793; Design will vary by stock number.

Stock **#22-797** **1 In Stock**

⊖ 1 ⊕ A\$621⁰⁰

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General

Product Family:
Low Distortion Wide Angle Lenses

Type:
Varifocal Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):
49.00

55 **Maximum Diameter (mm):**

55 **Outer Diameter (mm):**

63 **Weight (g):**

Optical Properties

Horizontal Field of View @ Max Sensor Format:
39-9.2°

Horizontal Field of View, 1/3" Sensor:
30 - 7.1°

Maximum Image Circle (mm):
7.70

Focal Length FL (mm):
9.00

Working Distance (mm):
300 - ∞

Aperture (f/#):
f/1.5 - Closed

Lens Wavelength Range:
VIS

Sensor

Maximum Sensor Format:
1/2.3"

Pixel Size (µm):
4.50

Threading & Mounting

Filter Thread:
N/A

Mount:
CS-Mount

Regulatory Compliance

Certificate of Conformance:
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Product Details

- Up to 1/2.5", C-Mount and CS-Mount options
- Up to 3 MegaPixel and Down to 1% Distortion
- No Refocusing from 100mm to Infinity
- 1.28mm to 40mm Focal Length

Low Distortion Wide Angle Lenses maintain high resolution for applications with long working distance requirements and can accommodate multi-megapixel camera sensors. The optical design of these low-distortion wide-angle lenses enables users to achieve less than 3% distortion over a 125° field of view, or less than 1% distortion over a 110° field of view. These lenses feature a locking screw for the manual iris enabling the use in high vibration environments. Low Distortion Wide Angle Lenses are ideal for security and surveillance, machine vision, or [factory automation](#) applications. These lenses do not require refocusing from 100mm to Infinity.

Note: Image will be flipped (180° rotation). Auto Iris Options require cameras with P-Iris or DC Iris control.